

ABSTRACT OF THE DISCLOSURE

A fuel reforming assembly has a control unit electrically coupled to both a fuel reformer and a temperature sensor. The control unit is configured to communicate with the temperature sensor to determine the temperature of the reformate gas being produced by the fuel reformer and then adjust the air-to-fuel ratio of the air/fuel mixture being processed by the fuel reformer based thereon. A method 5 of operating a fuel reformer is also disclosed